

United States Department of Agriculture

MONTHLY LIST OF PUBLICATIONS

APRIL 1938

Any five of the nontechnical publications listed herein, unless indicated "For sale only", may be obtained free upon application to the United States Department of Agriculture, Washington, D. C., as long as the Department's supply lasts. After this supply is exhausted, publications may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C., by purchase at the prices stated herein. His office is not a part of the Department of Agriculture.

Free distribution of technical material and periodicals is restricted.

FARMERS' BULLETINS

Terracing for soil and water conservation. C. L. Hamilton, Soil Conservation Service. 60 p., illus. (F. B. 1789F.) Price, 10¢.

Forest farming. Forest Service. 18 p., illus. (F. B. 1794F.) Price, 5¢.

LEAFLETS

Production of water cress. J. H. Beattie, Bureau of Plant Industry. 4 p., illus. (Leaf. 134L.) Price, 5¢.

Production of radishes. J. H. Beattie and W. R. Beattie. Bureau of Plant Industry. 4 p. (Leaf. 157L.) Price, 5¢.

TECHNICAL BULLETINS

Studies on the possibilities of devil's shoestring (*Tephrosia virginiana*) and other native species of *Tephrosia* as commercial sources of insecticides. A. F. Sievers, G. A. Russell, M. S. Lowman, E. D. Fowler, and C. O. Erlanson, Bureau of Plant Industry; and V. A. Little, Agricultural and Mechanical College of Texas. 40 p., illus. (T. B. 595T.) Price, 10¢.

The influence of climate and grazing on spring-fall sheep range in southern Idaho. G. W. Craddock and C. L. Forsling, Forest Service. 43 p., illus. (T. B. 600T.) Price, 10¢.

Influence of farm manure on yields and sucrose of sugar beets. Stephen H. Hastings, S. B. Nuckols, and Lionel Harris, Bureau of Plant Industry. 12 p. (T. B. 614T.) Price, 5¢.

CIRCULARS

The toxicity of *Haplophyton cnicoides* A. DC. to fruitflies. C. C. Plummer, Bureau of Entomology and Plant Quarantine. 11 p. (Cir. 455C.) Price, 5¢.

Artificial reseeding on oak-brush range in central Utah. Raymond Price, Forest Service. 19 p., illus. (Cir. 458C.) Price, 10¢.

Wholesale markets for fruits and vegetables in 40 cities. William C. Crow, Bureau of Agricultural Economics. 142 p., illus. (Cir. 463C.) Price, 15¢.

Effect of storage and repeated sprouting of seed potatoes on their growth and productiveness. P. M. Lombard, Bureau of Plant Industry. 8 p., illus. (Cir. 465C.) Price, 5¢.

An extension program for range management and range livestock as adopted at a regional extension conference held at Spokane, Wash., May 24-27, 1937. W. A. Lloyd, Extension Service. 11 p. (Cir. 468C.) Price, 5¢.

Rules and recommendations for testing seeds. 24 p. (Cir. 480C.) Price, 5¢.

MISCELLANEOUS PUBLICATIONS

A selected bibliography on management of western ranges, livestock, and wildlife. F. G. Renner, Edward C. Crafts, Theo. C. Hartman, and Lincoln Ellison, Forest Service. 46S p. (M. P. 281M.) Price, 45¢.

Bibliography on land utilization, 1918-36. Louise O. Bercaw, Annie M. Hannay, and Mary G. Lacy, Bureau of Agricultural Economics, in cooperation with Resettlement Administration. 150S p. (M. P. 284M.) Price, \$1.50. Restricted distribution.

Motion pictures of the United States Department of Agriculture, 1938. Extension Service. 24 p. (M. P. 288M.) Price, 5¢.

List of bulletins of the agricultural experiment stations for the calendar years 1935 and 1936. Catherine E. Pennington, Office of Experiment Stations. 94 p. (M. P. 294M.) Price, 15¢.

Workers in subjects pertaining to agriculture in land-grant colleges and experiment stations. 1937-38. Mary A. Agnew, Office of Experiment Stations. 140 p. (M. P. 299M.) Price, 15¢.

Erosion and its control in Oklahoma Territory. Angus McDonald, Soil Conservation Service. 48 p., illus. (M. P. 301M.) Price, 15¢.

SERVICE AND REGULATORY ANNOUNCEMENTS

Packers and Stockyards Act 1921, as amended, 1926 and 1935. Effective on and after March 1, 1938. Bureau of Animal Industry. (B. A. I. Order 364.) 19 p.¹

Bureau of Animal Industry. Service and regulatory announcements. February 1938. Pp. 13-26. (S. R. A.-B. A. I. 370); pp. 27-40. (S. R. A.-B. A. I. 371). Price, 5¢ each.²

Bureau of Entomology and Plant Quarantine. Service and regulatory announcements. October-December 1937. Pp. 257-318. (S. R. A.-B. E. P. Q. No. 133.)¹

Regulations relating to wheat crop insurance. April 1938. Federal Crop Insurance Corporation. 11 p. (F. C. I. R.—Series 1, No. 1.)¹

Notices of judgment under the Food and Drugs Act. Food and Drug Administration. Pp. 333-362. (N. J., F. D. 27701-27750). Drugs. Pp. 363-413. (N. J., F. D. 27751-27875.) Foods.¹

Standards under the Tea Act. Effective May 1, 1938. Food and Drug Administration. Service and regulatory announcements. (S. R. A., T. No. 12.)¹

SOIL SURVEYS

California, Napa area. (No. 13, series 1933.) 76 p., illus. Price, 40¢.

Iowa, Franklin County. (No. 23, series 1932.) illus. Price, 45¢.

Nebraska, Garfield County. (No. 3, series 1934.) 38 p., illus. Price, 35¢.

North Carolina, Pamlico County. (No. 2, series 1934.) 29 p., illus. Price, 30¢.

West Virginia, Pocahontas County. (No. 14, series 1933.) 48 p., illus. Price, 55¢.

OTHER PUBLICATIONS

Clemson College land utilization project. Bureau of Agricultural Economics. [8 p.], illus.¹

The Boston Mountain land use project. Bureau of Agricultural Economics. [4 p.], illus.¹

The Magazine Mountain land use project. Bureau of Agricultural Economics. [4 p.], illus.¹

The Natchez Trace land use project. Bureau of Agricultural Economics. [4 p.], illus.¹

The northeast Mississippi land use project. Bureau of Agricultural Economics. [8 p.], illus.¹

The northwest Arkansas land use project. Bureau of Agricultural Economics. [8 p.], illus.¹

Topsoil, its preservation. Soil Conservation Service. 22 p., illus. Price, 10¢.

REPRINTS FROM 1937 YEARBOOK

1586. Breeding apples and pears. Pp. 575-630, illus. Price, 10¢.

1587. Grape development and improvement. Pp. 631-664, illus. Price, 10¢.

1588. Improvement of stone fruits. Pp. 665-748, illus. Price, 15¢.

1589. Improvement of subtropical fruit crops. Pp. 749-826. Pp. 1-77. (Omitted from 1937 Yearbook.) Illus.

1590. Nut breeding. Pp. 827-890, illus. Price, 10¢.

¹ These may be obtained from the issuing bureau.

² Payable to the Superintendent of Documents, Government Printing Office, Washington, D. C.

Indicate below, by numbers **IN NUMERICAL ORDER**, bulletins desired. In order to assure prompt delivery detach this frank and return in stamped envelope to United States Department of Agriculture, Office of Information, Washington, D. C. List no more than five publications. If more are desired, please apply to Superintendent of Documents, Government Printing Office, Washington, D. C., enclosing remittance to cover cost of publications. Be sure to fill in blank form on reverse side.

Farmers' Bulletins	Leaflets	Other Publications

AGRICULTURAL ADJUSTMENT ADMINISTRATION

- ECR 202—Ky. Balanced farming for Kentucky—1938. 4 p.
 ECR 202—Md. Balanced farming for Maryland—1938. 4 p.
 ECR 202—N. C. Balanced farming for North Carolina—1938. 4 p.
 ECR 202—Tenn. Balanced farming for Tennessee—1938. 4 p.
 ECR 202—Va. Balanced farming for Virginia—1938. 4 p.
 ECR 202—W. Va. Balanced farming for West Virginia—1938. 4 p.
 NCR Leaflet No. 201. The 1938 farm program for Indiana, Illinois, Iowa, Missouri, Michigan, Minnesota, Ohio, and Wisconsin. 4 p.
 NCR Leaflet No. 202. The 1938 farm program for Nebraska and South Dakota. 4 p.
 NER 213, rev. Summary of the 1938 A. A. A. farm program—northeast region. 4 p.
 SR Leaflet No. 201. How the A. A. A. farm program will operate in 1938. 8 p.
 SR Leaflet No. 251. Improvement and conservation of Oklahoma and Texas range lands. 8 p.
 WR Leaflet No. 201. The 1938 farm program—western region. 4 p.

PERIODICALS

Free distribution of periodicals is definitely restricted. They may be obtained by purchase or subscription from the Superintendent of Documents.

Agricultural situation. Vol. 22, no. 4, April 1, 1938. Price, 5¢ a copy; 25¢ a year, domestic; 45¢ a year, foreign.²

Crops and markets. Vol. 15, no. 3, March 1938. Price, 10¢ a copy; \$1.00 a year, domestic; \$1.50 a year, foreign.²

Statistics concerning crops and livestock estimates and market information; reports on supplies, stocks, commercial movement, conditions, and prices of agricultural products; and studies of prices and demand, both foreign and domestic.

Daily weather maps. Limited editions. Not for general distribution.

Shows weather conditions for United States and forecast for all States east of the Mississippi River, except Illinois, Wisconsin, Indiana, Upper Michigan, Lower Michigan, Alabama, Mississippi, and the extreme western portion of Florida. Price daily, except Sundays and holidays, 25¢ a month, \$3 a year; daily, including Sundays and holidays, 30¢ a month, \$3.60 a year. Sunday and holiday maps only, 50¢ a year. Foreign subscription, \$7.25 a year. Maps DD, E, and CM, showing the weather conditions and forecasts, are issued at numerous stations through the United States, 20¢ a month, \$2.40 a year.²

Experiment station record. Vol. 78, no. 4, April 1938. Price, \$1 per volume (2 volumes a year) consisting of 6 monthly numbers and index; \$1.75 per volume, foreign. Single numbers for sale only. Price, 15¢.²

A technical review of scientific literature pertaining to agriculture.

Extension service review. Vol. 9, no. 4, April 1938. Illus. Price, 5¢ a copy; 50¢ a year, domestic; 90¢ a year, foreign.²

Issued monthly by the Extension Service, of which it is the official organ, for the distribution of administrative information.

¹ These may be obtained from the issuing bureau.

² Payable to the Superintendent of Documents, Government Printing Office, Washington, D. C.



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Journal of agricultural research. Price, \$3.25 a year, domestic; \$4.75 a year, foreign. Each issue, 15¢, domestic; 20¢, foreign. Separates, 5¢, domestic; 8¢, foreign.² *Not distributed free to individuals.*

Of primary interest to agricultural scientists and advanced students only. Issued in 2 volumes a year, of 12 numbers each. Free distribution is limited to certain libraries and to institutions or departments doing research work.

Vol. 56, no. 4, February 15, 1938. Illus.

Separates. A small supply of each separate is given to the originating bureau or station for its staff, cooperators, and for such other distribution as can be made. Others interested may purchase copies from the Superintendent of Documents, Washington, D. C., at 5¢ each. The Office of Information has none for general distribution.

Calif.-91. (In vol. 55, no. 12.) Resistance of sheep of different breeds to infestation by *Ostertagia circumcincta*. M. A. Stewart, R. F. Miller, and J. R. Douglas.

Calif.-92. (In vol. 56, no. 1.) Adaptation and use of automatically operated sand-culture equipment. H. D. Chapman and George F. Liebig, Jr.

G-1070. (In vol. 55, no. 12.) An example of the ability of *Ribes lacustre* to intensify *Cronartium ribicola* on *Pinus monticola*. J. L. Mielke.

G-1076. (In vol. 55, no. 12.) Water soaking of leaves in relation to development of the blackfire disease of tobacco. E. E. Clayton.

G-1078. (In vol. 55, no. 12.) Role of molybdenum in the utilization of ammonium and nitrate nitrogen by *Aspergillus niger*. Robert A. Steinberg.

I-22. (In vol. 55, no. 11.) The loss of carotene in hays and alfalfa meal during storage. Edward A. Kane, Herbert G. Wiseman, and C. A. Cary.

K-287. (In vol. 55, no. 11.) A statistical study of sampling in field surveys of the fall population of the European corn borer. M. T. Meyers and L. H. Hatch.

K-289. (In vol. 55, no. 12.) The translocation of derris constituents in bean plants. Robert A. Fulton and Horatio C. Mason.

K-290. (In vol. 55, no. 12.) Quantitative injection and effects of nicotine in insects. N. E. McIndoo.

Maine-25. (In vol. 55, no. 10.) Some properties of potato rugose mosaic and its components. Donald Folsom and Reiner Bonde.

Pa.-57. (In vol. 55, no. 12.) Growth substances in relation to the mechanism of the action of radiation on plants. H. W. Popp and H. R. C. McIlvaine.

Monthly weather review. Vol. 66, no. 1, January 1938. Illus. Price, 15¢ a copy; \$1.50 a year, domestic; \$2.25 a year, foreign.² Not for general distribution.

Contains (1) meteorological contributions and bibliography, (2) weather charts for the month with an interpretive summary, and (3) climatological tables.

Public roads. Vol. 19, no. 1, March; No. 2, April 1938. Price, 10¢ a copy; \$1 a year, domestic; \$1.50 a year, foreign.²

Makes available to road builders the results of investigations relating to the physical and economic problems of road building.

Soil conservation. Vol. 3, no. 10, April 1938. Price, 10¢ a copy; \$1 a year, domestic; \$1.40 a year, foreign.²

Issued monthly by the Soil Conservation Service. Seeks to supply to workers and cooperators of the Department of Agriculture engaged in soil-conservation activities information of especial help to them in the performance of their duties.

Weekly weather and crop bulletin. Nos. 14-17, April 5-26, 1938. Price, 50¢ a year, domestic; \$1 a year, foreign.²

Gives detailed weather conditions of preceding weeks and their effect on development of crops and farm operations. Limited edition.

² Payable to the Superintendent of Documents, Government Printing Office, Washington, D. C.

³ These may be obtained free upon application to the Agricultural Adjustment Administration.